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David L. Howard

August 25, 2003



UTILITY PATENT APPLICATION TRANSMITTAL

(new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket Number: 128694/GETS 5311.1

First Named Inventor: Pieralli

Title: SYSTEM AND METHOD FOR DETECTING OBSTACLES WITHIN THE
AREA OF A RAILROAD GRADE CROSSING USING A PHASE
MODULATED MICROWAVE SIGNAL

Express Mail Label Number: EV 272755205 US

TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form
(original and duplicate)
2. ☐ Applicant claims small entity status
3. ☒ Specification [Total Pages 25]
4. ☒ Drawings [Total Sheets 9]
5. Oath or Declaration [Total Pages]
 - a. ☐ Newly executed (original or copy)
☐ New (unexecuted)
 - b. ☐ Copy from a prior application
(for continuation/divisional with
Box 19 completed)
 - i. ☐ DELETION OF INVENTOR(s)
Signed statement attached
deleting inventor(s) named
in prior application.

6. ☐ Incorporation By Reference
(useable if Box 5b is marked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
7. ☒ Application Data Sheet
8. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
9. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form
- b. ☐ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
12. ☐ English Translation Document (if applicable)
13. ☒ IDS with PTO/SB/O8A ☒ Copies of IDS Citations
(not including US references)
14. ☐ Preliminary Amendment
15. ☒ Return Receipt Postcard
16. ☐ Request and Certification for Non-Publication. Form PTO/SB/35 is attached.
17. ☐ Certified Copy of Priority Document(s) if foreign priority is claimed
18. ☐ Other: _____

**IF A CONTINUING APPLICATION, CHECK APPROPRIATE
BOXES AND SUPPLY THE REQUISITE INFORMATION**

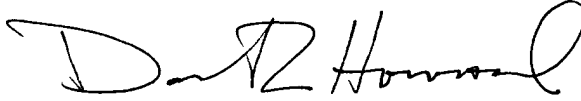
19. ☐ Continuation ☐ Divisional ☐ Continuation-in-Part
of prior application No.: _____
- ☒ Complete Application based on provisional Application
No. 60/405,490 filed August 23, 2002.

Prior application information: Examiner:
Group Art Unit:

CORRESPONDENCE ADDRESS

20. Correspondence Address: Customer Number 321
Attention: David L. Howard

Respectfully submitted,

A handwritten signature in black ink, appearing to read "D L Howard", with a large, stylized loop at the end of the last name.

David L. Howard, Reg. No. 41,502

DLH/kll

02527 U.S. PTO
08/25/03

FEE TRANSMITTAL

Application Number FILED HERewith
Filing Date FILED HERewith
Inventor Pieralli
Attorney Docket Number 128694/GETS 5311.1

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge the indicated fees to Deposit Account No. 50-2145.
- ☒ The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17 to Deposit Account No. 50-2145.
- ☐ Applicant claims small entity status.
2. ☐ Check Enclosed. The Commissioner is hereby authorized to charge any under payment or credit any over payment to Deposit Account No. 50-2145.

FEE CALCULATION

1. ☒ BASIC FILING FEE Subtotal (1) \$ 750.00
(Type: Non-Provisional)
2. ☒ EXTRA CLAIM FEES Subtotal (2) \$ 144.00
Total Claims 28
Independent Claims 2
Multiple Dependent Claims _____
3. ☐ ADDITIONAL FEES Subtotal (3) \$ _____
☐ Surcharge - late filing fee or oath
☐ Surcharge - late provisional filing fee or cover sheet
☐ Extension for reply within _____ month
☐ Notice of Appeal
☐ Filing a Brief in Support of an appeal
☐ Request for ex parte Reexamination
☐ Petitions to the Commissioner
☐ Submission of Information Disclosure Statement
☐ Recording each patent assignment per property
☐ Request for Continued Examination
☐ Other: _____

TOTAL AMOUNT OF PAYMENT \$ 894.00

David L. Howard
David L. Howard, Reg. No. 41,502

8/25/03
Date

DLH/k11

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